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URBAN DISTRICT COUNCIL OF KIRKBY-IN-ASHFIELD

ANNUAL REPORT

ON THE WORK OF THE

PUBLIC HEALTH DEPARTMENT

FOR THE YEAR ENDED 31st DECEMBER, 1960

J. V. LOUGHLIN
M.B., B.Ch., B.A.O., D.P.H.
Medical Officer of Health

H. S. WHITTEN
M.R.S.I., M.S.I.A.
(Senior
Public Health Inspector
and Superintendent of
Public Cleansing)

KIRKBY-IN-ASHFIELD

URBAN DISTRICT COUNCIL

Chairman:

MR. W. ARNOLD

Vice-Chairman:

MR. L. SCOTHERN

Chairman of the Health and Sanitary Committee:

MR. A. H. BRIGGS, J.P.

Councillors:

East Ward

W. Arnold
J. C. Booler
A. Mead, B.E.M., C.C.
A. C. Overfield
C. E. Sargent
L. Scothern
T. H. Tomlinson

West Ward

R. Andrews
O. S. Beardsley
A. H. Briggs, J.P.
W. Large
Mrs. M. E. Wright

South Ward

J. W. Aldridge
E. W. Ashley
G. Eggleshaw
G. R. Huffen
G. R. Thompson

Clerk of the Council

E. J. THOMAS

Public Health Officers:

Medical Officer of Health:

J. V. LOUGHLIN, M.B., B.Ch., B.A.O., D.P.H.

Senior Public Health Inspector and Superintendent of Public Cleansing:

H. S. WHITTEN, M.R.S.I., M.A.P.H.I.

Deputy Senior Public Health Inspector:

R. FOLLETT, M.A.P.H.I.

Clerk:

MISS M. M. SMITH

Pupil Public Health Inspector:

A. G. KIRKLAND

URBAN DISTRICT COUNCIL OF KIRKBY-IN-ASHFIELD

Health Department,
Public Offices,
Kirkby-in-Ashfield,
Nottingham.

Telephone No. Kirkby-in-Ash. 2371/2.

MEDICAL OFFICER'S REPORT

for the year ended 31st December, 1960

To the Chairman and Members of the
Kirkby-in-Ashfield Urban District Council.

Mr. Chairman, Madam and Gentlemen,

I have the honour to present to you the Annual Report on the health and vital statistics of the Urban District.

A review of the statistics for the year 1960 shows that the general health of the District has been maintained at a satisfactory level.

Reviewing the Reports of the past 5 years, I find that the population of the District has risen from 20,520 (mid-year 1955) to 21,430 (mid-year 1960), i.e. an increase of 910, and the number of inhabited houses has risen from 6,708 to 7,359 during the same period.

The Birth Rate shows a steady increase, the Death Rate has varied very little, and the Infant Mortality Rate remains high, although much less than that of 10 years ago. The Illegitimate Birth Rate continues to rise (total 6 in 1955 to 17 in 1960), and reflects the national trend.

Notification of the infectious diseases, apart from Tuberculosis, has declined.

It is pleasing to note that for the third consecutive year there have been no deaths from Tuberculosis. However, in

view of the continuing raised level of Tuberculosis notifications, our vigilence should not be relaxed. Vaccination against active Tuberculosis (B.C.G. vaccination) should be encouraged by all concerned with the health of children. At present all school leavers whose parents desire it are tested, and non-reactors are vaccinated. A watchful eye is kept on the strongly positive for any latent infection. At present this service is available for the 12-year old group of children, and it is hoped to extend it to the 10-year olds when conditions permit. I suggest that no parent should neglect to avail themselves of this service, which is for their own and their family's benefit. Tuberculosis is a disease which calls for unceasing efforts on the part of all concerned with the health of the community, and especially that of chest physicians, general practitioners, and public health authorities, before it is controlled and eventually eradicated.

It is now 11 years since the last case and death from Diphtheria occurred in this District. This has been due to the gratifying response to the immunisation campaign, but leaves no room for apathy, however, as revealed by the outbreaks of this deadly disease elsewhere in this country during the year.

Similarly - by the energetic use of vaccination - Poliomyelitis can be reduced still further and eventually eliminated.

In order to maintain our District free from these serious and often fatal diseases, a high level of immunisation and vaccination must be attained.

Development within the District continued during the year with the building of many new houses, and reconstruction of the sewage disposal works was commenced.

I should like to take this opportunity of expressing my thanks to the staff of the Health Department for their generous assistance, to the staffs of the other Departments for their co-operation, to the Chairman and members of the Health Committee and to the members of the Council for their support and encouragement.

I remain,
Your obedient servant,

J. V. LOUGHLIN.
Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (Acres)	5,831
Population (Census 1931)	17,798
Population (Census 1951)	20,133
Estimated population (mid-year 1960)	21,430
Rateable Value (Nett) (31st March, 1960)	£218,323
Estimated product of penny rate (1960/61)	£884

	East Ward	West Ward	South Ward	Total
Inhabited Houses (31st March 1960)	2,884	2,728	1,747	7,359

* * *

BIRTHS, MARRIAGES AND DEATHS

The Registrar of Births, Marriages and Deaths, attends the Youth Employment Office, Pond Street, Kirkby-in-Ashfield at the following times:-

Mondays	2.0 p.m.	to	3.30 p.m.
Tuesdays	6.0 p.m.	to	7.30 p.m.
Thursdays	2.0 p.m.	to	3.30 p.m.
Fridays	10.0 a.m.	to	12.00 noon.

MATERNITY AND CHILD WELFARE SERVICES

The Notts. County Council supplies these Services, your Medical Officer of Health being in charge of the latter clinics held in the District. The clinics are held in the Maternity and Child Welfare Clinic, Urban Road, Kirkby-in-Ashfield, telephone number Kirkby-in-Ashfield 3361.

(a) Child Welfare Service

Clinics are held at the following times:-

Mondays 2.00 p.m. - 4.30 p.m. (M.O.H. in attendance)
Tuesdays 2.00 p.m. - 4.30 p.m.

Month	No. of attendances
January	298
February	229
March	258
April	247
May	385
June	229
July	250
August	280
September	292
October	285
November	255
December	169
	3,177

(b) Ante-natal and Post-natal Service

Clinics are held at the following times:-

Mondays 9.30 a.m. - 12 noon

(b) Ante-natal and Post-natal Service (cont'd)

Month	No. of attendances	
	Ante-natal	Post-natal
January	22	-
February	26	-
March	31	1
April	33	-
May	24	-
June	35	-
July	29	-
August	14	1
September	34	-
October	22	-
November	14	1
December	17	1
	301	4

Blood grouping of ante-natal cases

Expectant mothers attending the Ante-Natal Clinic have their blood sampled for the rhesus factor, and also the group, either at the Clinic or by their own doctor.

(c) Midwifery Service

The services of 5 midwives are provided for the Urban District by the Notts. County Council. Their names, addresses and telephone numbers are as follows :-

Mrs. D. Brown	95 Southwell Lane, Kirkby-in-Ashfield	Kirkby-in-Ash. 3375
Mrs. D. A. Brockley	8 The Grove, Kirkby-in-Ashfield	Kirkby-in-Ash. 3131
Miss H. Conneely	24 Clumber Street, Kirkby-in-Ashfield	Kirkby-in-Ash. 3249

Miss F. Lawson	59 Welbeck Street, Kirkby-in-Ashfield.	Kirkby-in-Ash. 3397
Mrs. G.M. Sheppard	52 St. John's Avenue, Kirkby-in-Ashfield.	Kirkby-in-Ash. 2293

(d) Care of the Unmarried Mother

Cases have been dealt with during 1960 in co-operation with the Moral Welfare Service.

(e) Care of the Premature Infant

During 1960 most of the cases were admitted to hospital, and there has been no occasion to use the equipment held at the Clinic.

(f) Supply of Welfare Foods and Vitamins

Various types of welfare foods and vitamins are available at the Clinic, i.e. National and other brands of dried milk, orange juice and proprietary food products (on sale), vitamin tablets, codliver oil and medicaments (supplied free), at the following times:-

Mondays	2 p.m. - 5 p.m.
Tuesdays	2 p.m. - 5 p.m.
Wednesdays	9 a.m. - 12.30 p.m.
Fridays	2 p.m. - 5 p.m.
Saturdays	9 a.m. - 12.30 p.m.

(g) Vaccination Service

The service is available at the Clinic on Wednesday mornings - 10 a.m. to 12 noon.

(h) Diphtheria and Whooping Cough Service

The service is available at the Clinic on Wednesday mornings - 10 a.m. to 12 noon.

(i) Dental Service

This service is provided at the Clinic by the Notts. County Council. A dentist is in attendance on Tuesdays - 10 a.m. to 12 noon and 2 p.m. to 4 p.m.

HOME HELP SERVICE

A Home Help Service is provided by the Notts. County Council, and there is a Local Organiser for the Kirkby-in-Ashfield District at 4 Outram Street, Sutton-in-Ashfield, telephone number Sutton-in-Ashfield 316.

NURSING IN THE HOME

The Notts. County Council provides this service. There are 5 District Nurses available in the Urban District, and their names, addresses and telephone numbers are as follows:-

Mrs. P. Angelides	53 Welbeck Street, Kirkby-in-Ashfield	Kirkby-in-Ashfield 2342
Mrs. P. Jeffery	"Windermere", Alfreton Road, Pinxton	Pinxton 338
Mrs. E.F. Stocks	5 Searwood Avenue, Kirkby-in-Ashfield	Sutton-in-Ashfield 396
Miss L. Hodson	"Chaworth" Forest Road, Annesley Woodhouse, Kirkby-in-Ashfield	Kirkby-in-Ashfield 2334
Mrs. Haynes	39 Alexandra Street, Kirkby-in-Ashfield	Kirkby-in-Ashfield 3368

SCHOOL HEALTH SERVICE - Clinics for Minor Ailments

Sessions are held at the Child Welfare Clinic at the following times:-

Tuesdays	2.00 p.m. - 4 p.m.	
Fridays	1.30 p.m. - 4 p.m.	(M.O.H. is in attendance as Asst. C.S.M.O. from 2 p.m. onwards)

NATIONAL ASSISTANCE ACT, 1948, Section 47 and
1951 (amendment) ACT.

It was not necessary to take any action under this Section of the Act during 1960.

The Welfare Officer and Duly Authorised Officer for Kirkby-in-Ashfield District for the purpose of this Act is :-

Mr. G. S. Culley, Welfare Officer	Opas House, Market Street, Sutton-in-Ashfield	Telephone No. Sutton-in-Ashfield 2881

VOLUNTARY ORGANISATIONS

British Red Cross Society

Disabled Club:
President/Acting Liaison Officer - Mrs. L. Harvey, 170 Victoria Rd., Kirkby-in-Ash.
Hon. Sec. - Mrs. F. H. Humphries, 15 Hawthorne Cresc., Kirkby-in-Ashfield.

Men's Detachment:
Commandant - Mr. L. Scothern, 93 Clumber Street, Kirkby-in-Ashfield.
Hon. Sec. - Mr. R. Chamberlain, 75 Rowan Drive, Kirkby-in-Ashfield.

St. John's Ambulance Brigade

Bentinck Colliery:
Superintendent - Mr. W. Dove, 11 Frederick Street, Sutton-in-Ashfield.
Hon. Sec. - Mr. V. Smith, 14 Wheatley Avenue, Kirkby-in-Ashfield.

Bentinck Colliery: Cadet Division:
Superintendent - Mr. B. J. Hare, 61 Mason Street, Sutton-in-Ashfield.

Kirkby Colliery:
Superintendent - Mr. C. H. Williams,
106 Southwell Lane,
Kirkby-in-Ashfield.
Hon. Sec. - Mr. W. Spray,
24 Marlborough Road,
Kirkby-in-Ashfield.
Kirkby Colliery: Cadet Division:
Superintendent - Mr. F. Flint,
24 Edward Street,
Kirkby-in-Ashfield.

Women's Voluntary Service — W.V.S. Derby & Joan Clubs:
Leaders - Mrs. A. Butler (East Ward)
15 Nest Avenue,
Kirkby-in-Ashfield.
Mrs. E. Martin, J.P.,
(West Ward)
5 Orchard Road,
Kirkby-in-Ashfield.

Derby & Joan Club — (South Ward)
President - Mrs. C. Reeve,
108 Derby Road,
Kirkby-in-Ashfield.

British Legion — Hon. Sec. - Mr. G. Dickman,
46 Central Avenue,
Kirkby-in-Ashfield.

Rotary Club — President - Mr. C. Chilton,
56 Station Street,
Kirkby-in-Ashfield.
Secretary - Mr. N. Smith,
25 Station Street,
Kirkby-in-Ashfield.

Inner Wheel — President - Mrs. B. L. Ward,
Thoresby Avenue,
Kirkby-in-Ashfield.
Secretary - Mrs. D. J. Bird,
147 Diamond Avenue,
Kirkby-in-Ashfield.

Old People's Welfare Committee: — Hon. Sec. - Mrs. M. E. Freestone,
21 Oxford Street,
Kirkby-in-Ashfield.

Health Services not Administered by the Urban District

LABORATORY FACILITIES

The following examinations are carried out by the Public Health Laboratory, 63 Goldsmith Street, Nottingham:-

Milk	Phosphatase Test, Methylene Blue Test, Bacteriological, etc.
Ice Cream	Methylene Blue Test, Grading, etc.
Food	Bacteriological examination.
Water	Bacteriology.
Pathological Specimens	Bacteriology and pathology of swabs, sputa, etc.

The Laboratory carried out other functions, but the above are the main ones the Department is likely to need. The Service is an excellent one, and is available to the Medical Profession.

PUBLIC ANALYST'S LABORATORY

J. Evans (A. H. Allen & Partners), 67 Surrey Street, Sheffield 1, is an official analyst for the purpose of the Food and Drugs Act, 1955.

EXTRACTS FROM VITAL STATISTICS FOR 1960

Live Births	
Number	383
Rate per 1,000 population	17.51
Illegitimate live births per cent of total live births	4.44
Still Births	
Number	7
Rate per 1,000 total live and still births	17.95
Total live and still births	390
Infant deaths (deaths under 1 year)	9
Infant Mortality Rates	
Total infant deaths per 1,000 total live births	23.49
Legitimate " " " " legitimate live births	24.59
Illegitimate" " " " illegitimate " "	0
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	20.88
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)	15.66
Perinatal Mortality Rate (still births and deaths under 1 week combined per 1,000 total live and still births)	33.33
Maternal Mortality (including abortion)	
Number of deaths	0
Rate per 1,000 total live and still births	0

BIRTHS

Live Births	Male	Female	Total
Legitimate	188	178	366
Illegitimate	7	10	17
Crude birth rate per 1,000 of the population		-	17.87
Adjusted " " " 1,000 " " "		-	17.51
(Area comparability factor 0.98)			
Still Births			
Legitimate	3	4	7
Illegitimate	-	-	-
Still-birth rate per 1,000 of the population			0.33
Still-birth " " 1,000 total (live and still) births			17.95

DEATHS

	Male	Female	Total
	124	91	215
Crude death rate per 1,000 of the population			10.03
Adjusted " " " 1,000 " " "			12.54
Area comparability factor 1.25)			

DEATHS (con'td)

No. of women dying in, or in consequence of, child-birth pregnancy or abortion	-
Total deaths of Infants under 1 year	9
Infantile death rate per 1,000 live births	23.49
Deaths from Cancer (all ages)	27
Deaths from Measles (all ages)	-
Deaths from Whooping Cough (all ages)	-
Deaths from Gastritis, Diarrhoea and Enteritis (under 2 years of age)	-

* * * *

BIRTHS AND BIRTH-RATE

The total number of births registered during the year was 390; 198 males and 192 females. Of these, there were 17 illegitimates, 7 males and 10 females. There were 383 live births and 7 still births. This gives a Live Birth-rate of 17.87 (crude) per 1,000 of the population, as compared with 20,36 (crude) per 1,000 in the previous year.

The still-births amounted to 7 - a decrease of 4. Live birth-rate for the District for the last 10 years:-

	Crude	Adjusted		
1960	17.87	17.51	per 1,000 of the	population
1959	20.36	19.95	"	"
1958	17.46	17.11	"	"
1957	16.38	16.05	"	"
1956	15.92	15.60	"	"
1955	14.23	13.95	"	"
1954	17.13		"	"
1953	17.50		"	"
1952	18.49		"	"
1951	14.96		"	"

DEATHS AND DEATH-RATE

There were 215 deaths recorded in 1960

Males ..... 124 Females 91

This gives us an annual death-rate of 10.03 (crude) 12.54 (adjusted) per 1,000 of the population.

The classification of deaths is as follows:-

	Male	Female	Total
Tuberculosis, respiratory	-	-	-
Tuberculosis, other	-	-	-
Syphilitic disease	-	-	-
Diphtheria	-	-	-
Whooping Cough	-	-	-
Meningococcal infections	-	-	-
Acute poliomyelitis	-	-	-
Measles	-	-	-
Other infective and parasitic diseases	-	1	1
Malignant neoplasm, stomach	2	-	2
Malignant neoplasm, lung, bronchus	4	-	4
Malignant neoplasm, breast	-	4	4
Malignant, uterus	-	2	2
Other malignant and lymphatic neoplasms	7	8	15
Leukaemia, aleukaemia	-	-	-
Diabetes	2	-	2
Vascular lesions of nervous system	22	13	35
Total carried forward	37	28	65

	Male	Female	Total
Total brought forward	37	28	65
Coronary disease, angina	31	17	48
Hypertension with heart disease	2	6	8
Other heart disease	19	14	33
Other circulatory disease	3	7	10
Influenza	-	-	-
Pneumonia	3	-	3
Bronchitis	6	8	14
Other diseases of respiratory system	2	-	2
Ulcer of stomach and duodenum	1	1	2
Gastritis, enteritis and diarrhoea	1	-	1
Nephritis and nephrosis	2	-	2
Hyperplasia of prostate	1	-	1
Pregnancy, childbirth, abortion	-	-	-
Congental malformations	1	1	2
Other defined and ill-defined diseases	9	7	16
Motor vehicle accidents	3	1	4
All other accidents	1	1	2
Suicide	2	-	2
Homicide and operations of war	-	-	-
	124	91	215

Deaths in Wards at all ages

	East Ward	West Ward	South Ward	Totals
1st Quarter	30	24	15	69
2nd Quarter	25	9	8	42
3rd Quarter	15	21	8	44
4th Quarter	20	26	14	60
Total 1960	90	80	45	215
" 1959	103	81	40	224
" 1958	81	81	41	203
" 1957	75	79	40	194
" 1956	87	80	43	210
" 1955	92	65	50	207
" 1954	72	80	32	184
" 1953	90	76	39	205
" 1952	85	67	47	199
" 1951	107	83	56	246

Death-rate for the whole district for the last ten years:

	Crude	Adjusted		
1960	10.03	12.54	per 1,000 of the	population
1959	10.51	13.35	"	"
1958	9.63	12.33	"	"
1957	9.35	11.97	"	"
1956	10.19	13.04	"	"
1955	10.09	11.91	"	"
1954	9.01		"	"
1953	10.08		"	"
1952	9.87		"	"
1951	12.19		"	"

INFANTILE MORTALITY

There were 7 deaths of male Infants and 2 deaths of Female Infants registered during the year.

Age in weeks	Males	Females	Totals
Under 1wk	4	2	6
0 - 4	2	-	2
5 - 52	1	-	1
Totals	7	2	9

This gives an infantile mortality of 23.49 per 1,000 live births, as compared with 32.26 of the previous year.

The classification of deaths is as follows :-

Intercranial haemorrhage	1
Pulmonary haemorrhage	1
Hydrops	1
Meningitis	1
Broncho pneumonia	1
Haemorrhagic pneumonia	1
Prematurity	3

Infantile mortality for the whole district for the last ten years per 1,000 births:-

1960	23.49	1955	23.97
1959	32.26	1954	11.43
1958	46.2	1953	44.9
1957	35.29	1952	37.5
1956	24.39	1951	49.7

DIPHTHERIA AND WHOOPING COUGH IMMUNISATION

Course completed during the year 1960

Under 1 yr.	135
1 yr.	105
2 - 4 yrs.	25
5 - 9 yrs.	9
10 - 14 yrs.	7
	281

Booster injection given

4 yrs.	182
5 - 9 yrs.	24
	206

POLIOMYELITIS IMMUNISATION

2nd injections given	Medical Officer	Private Practitioners
6 months - 15 yrs.	200	92
15 - 26 yrs.	33	39
Expectant mothers	62	29
	295	160

3rd injections given		
6 months - 15 yrs.	1144	278

SMALLPOX VACCINATIONS

Under 1 yr.	109
1 yr.	27
2 - 4 yrs.	16
5 - 14 yrs.	5
15 yrs. and over	12
	169

* * * *

B.C.G. VACCINATION School Children

No. offered Vaccination	No. whose parents accepted	No. skin tested	No. found positive	No. found negative	No. vaccinated (or re-vaccinated)
1,386	695	695	96	593	593
Yearly re-examinations		1	1		

All who were found positive were X-rayed and some re-X-rayed.

Prevalence of and Control of Fever, Infectious and Other Diseases.

During the year we had 366 cases of Infectious Diseases compared with 77 the previous year.

INFECTIOUS DISEASES NOTIFIED, 1960

Table I

	Under 1	1	2	3	4	5 to 9	10 to 14	15 to 24	25 to 44	45 to 64	65 and over	Totals
Dysentery				1								1
Sonne Dysentery						3						3
Food poisoning				1								1
Measles	17	27	43	37	31	182	2	1				340
Meningococcal Infection									1			1
Acute pneumonia							1	1				2
Scarlet fever						1	1					2
Whooping cough	3	1		1	1	1						7
Tuberculosis:												
Pulm. M.						1			4		1	6
F.									2			2
Non-Pul. M.											1	1
F.												-
Totals :	20	28	43	40	32	188	4	2	7	-	2	366

INFECTIOUS DISEASES OCCURRING IN WARDS

Table II

	East Ward	West Ward	South Ward	Totals
Dysentery	1	-	-	1
Sonne Dysentery	2	1	-	3
Food Poisoning	-	1	-	1
Measles	202	123	15	340
Meningococcal Infection	-	1	-	1
Acute Pneumonia	1	-	1	2
Scarlet Fever	-	1	1	2
Whooping Cough	3	1	3	7
Tuberculosis	1	3	5	9
Totals :	210	131	25	366

NOTIFIABLE DISEASES OCCURRING IN MONTHS

Table III

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Dysentery	1												1
Sonne Dysentery		3											3
Food poisoning					1								1
Measles	2	1					3		2	10	115	207	340
Meningococcal Infection								1					1
Acute Pneumonia		1								1			2
Scarlet Fever							1			1			2
Whooping Cough		1								1	2	3	7
Tuberculosis	1	1		1	2	1	1		1			1	9
Totals :	4	7		1	3	1	5	1	3	13	117	211	366

Table IV

Disease	Total cases notified	Cases admitted to hospital	Deaths of notified cases
Dysentery	1	-	-
Sonne Dysentery	3	1	-
Food Poisoning	1	1	-
Measles	340	-	-
Meningococcal Infection	1	1	-
Acute Pneumonia	2	1	-
Scarlet Fever	2	-	-
Whooping Cough	7	-	-

TUBERCULOSIS

Table V

Age Period	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
10	1	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
35	1	-	-	-	-	-	-	-
45	2	2	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-
65	1	-	-	-	-	-	-	-
upwards	1	-	1	-	-	-	-	-
	6	2	1	-	-	-	-	-

It was not found necessary to take action under the Public Health (Prevention of Tuberculosis Regulations) 1925, or under Section 172, Public Health Act, 1936.

REPORT OF THE

SENIOR PUBLIC HEALTH INSPECTOR

For the year ended 31st December, 1960

I have the honour to present this, my eleventh Annual Report, showing the sanitary circumstances of the district.

WATER

The District is supplied from the Council's wells situated near Noman's Hollow. This supply is augmented by purchasing a limited amount from the Sutton-in-Ashfield Urban District Council. During the year 247,193,000 gallons were supplied from our own pumping station and 19,628,000 gallons were purchased from Sutton-in-Ashfield Urban District Council. Other sources of water supply to houses in the District are as follows:-

1. The National Coal Board supply about 381 of their own houses in the immediate neighbourhood of the Kirkby Colliery.

2. The Meden Valley Water Board supply 24 cottages in the Pinxton side of the District and 2 Filling Stations and 1 Light Engineering Works.

3. Nottingham Corporation Water Department supply 42 houses in the Selston end of the District.

Apart from seven isolated cottages, every house in the District has a piped supply.

Repeated bacteriological and chemical analyses were carried out on the Council's water supply and the results showed that the water was satisfactory both in its chemical and bacterial quality. A typical result is as follows:-

CHLORINATED WATER

Physical Characters

Suspended matter	none
Appearance of a column 2 ft. long	clear and bright: colourless
Taste	normal
Odour	none

Chemical Examination

	parts per Million
Total solids dried at 180°C	216.0
Chlorides in terms of Chlorine	19.0
Equivalent to Sodium Chloride	31.3
Nitrites	none
Nitrates as Nitrogen	4.49
Poisonous Metals (Lead, etc.)	none
Total hardness	164.0
Temporary hardness	69.0
Permanent hardness	95.0
Oxygen absorbed in 4 hours at 80°F	0.31
Ammoniacal Nitrogen	0.006
Albuminoid Nitrogen	0.016
Free chlorine	none
pH value	7.6

Bacteriological Examination

Number of colonies per ml. developing on Agar in:-

3 days at 22°C	1
24 hours at 37°C	1

B. Coli Test (MacConkey's Bile Salt Lactose Broth)

Probable number of coliform organisms per 100 ml.	0

Remarks ..... Satisfactory

NEW MAINS LAID

Nil.

EXTENSION OF MAINS

152 yards	-	3"	diameter
362 "	-	4"	"
497 "	-	6"	"

DRAINAGE AND SEWERAGE

Reconstruction of the sewage disposal works was commenced, comprising of new primary tanks, sedimentation tanks and humus tanks with mechanised scrapers, filter beds, sludge digestion tanks and sludge drying beds, pump houses and administration block.

NEW SEWERS LAID

Nil.

HOUSING

Erection of new houses

Number of new houses erected during the year:-

Permanent houses (erected by Council)	68
" " (private enterprise)	54

Preliminary notices served	321
Statutory notices served	43
Notices complied with	302
Interviews with owners of property and builders	456
Inspections under the Public Health and Housing Acts	2010
Inspection of temporary dwellings	10
Inspections re overcrowding	6
Dwelling-houses found to be overcrowded	1
Inspections of verminous premises	1

Improvements effected

Roofs repaired	53
Rainwater fall pipes and eaves gutters repaired or renewed	42
Defective windows repaired or renewed	17
Windows provided with new sashcords	20
Defective plaster repaired	32
New ceilings provided	6
Floors repaired or renewed	31
Hearths repaired or renewed	3
Doors and frames repaired or renewed	23
New glazed sinks provided	1
Sink surrounds repaired or retiled	2
Insanitary waste pipes removed and replaced	4
Insanitary baths removed and replaced	1
Yards or paths repaved or repaired	10
Dampness abated	30
Walls repointed or repaired	40
Chimney flues repaired	8
Chimney stacks repointed or repaired	5
Fireplaces repaired or renewed	13
Dustbins renewed	295
Additional sub-floor ventilation provided	1
Disinfestations	127

DRAINAGE

New drains tested	151
Drains repaired or relaid	21
Obstructed drains cleared	719
Defective drains removed	5
Drainage systems ventilated	7

Inspection chambers repaired or reconstructed	7
Defective gullies repaired	3
Other works connected with drainage	11

WATERCLOSETS

The closet accommodation of the District at the end of the year was as follows:-

Water closets	7652 (approx.)
Pail closets	28 (approx.)

Defective watercloset pedestals replaced	8
Cisterns repaired or replaced	9
Water supplies provided or repaired	12
Watercloset seats repaired or renewed	8
Defective joints repaired	7

* * *

1. Inspection of Dwelling-houses during the year

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	1141
	(b)	Number of inspections made for the purpose	2010
(2)	(a)	Number of dwelling-houses (included under sub-head (a) above) which were inspected and recorded under the Housing Consolidated Regulations 1946	Nil
	(b)	Number of inspections made for the purpose	Nil
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	83

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head (3)) found not to be in all respects reasonably fit for human habitation due to housing defects 118

(5) Number of dwelling-houses (exclusive to those referred to under the preceding sub-head (4)) found not to be in all respects reasonably fit for human habitation due to minor defects 677

(6) Visits in connection with Certificates of Disrepair 7

2. Remedy of Defects during the year without service of formal Notices

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers 152

3. Action under Statutory Powers during the year

A. - Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ..... NIL

(2) Number of dwelling-houses which were rendered fit after service of formal notice:-

(a) By Owners ..... NIL

(b) By Local Authority in default of owners NIL

B. - Proceedings under Public Health Acts

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 34

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:-

(a) By Owners 42

(b) By Local Authority 2

C. - Proceedings under Section 16 of the Housing Act, 1957.

(1) Number of dwelling-houses in respect of which Demolition Orders were made 27

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders 5

D. - Proceedings under Section 18 of the Housing Act, 1957.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ..... NIL

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ..... NIL

Local Government (Miscellaneous Provisions) Act, 1953

Closing Orders made 1

* * *

HOUSING ACT, 1957

Overcrowding

During the year 6 complaints were received in the Department. These complaints were investigated and in 1 case the premises were found to be legally overcrowded when calculated in accordance with the 6th Schedule of the Housing Act, 1957. This was reported to the owner, and the overcrowding was abated.

* * *

INSPECTION AND SUPERVISION OF FOOD AND FOOD PREMISES

Many visits were paid on food handlers and inspections carried out of food businesses, and there was further improvement in the standard of food premises, and of the persons employed in them.

One large colliery canteen was completely rebuilt and provided with new fittings up to the highest modern standards.

Inspections

Mobile foodshops	41
Bakehouses	5
Retail provision shops and general stores	210
Dairies and milk shops	33
Butchers' shops	100
Cooked meat shops	29
Fried Fish shops	17
Ice-cream premises	157
Licensed premises	86
Greengrocers	34
Restaurants and canteens	63
Slaughterhouses	62
Preparation rooms	100
Tripe boilers	31
Wet fish shops	5
Sweet factories	1
Confectionery and sweet shops	21
Contraventions observed	51
Informal notices given	28

Samples submitted to Analyst

Ice-cream	52 -	Found to be satisfactory.
Water	2 -	" " " "
Sugar dissolving oil	1 -	" " " "
Flour	1 -	" " " "
Margarine	2 -	" " " "
Pastry fat	1 -	" " " "
Pork pie	1 -	" " " "

FOOD CONDEMNED

	Weight lbs.	Weight ozs.	Tins
Apricots	1	-	1
Cherries	-	8½	1
Grapes	1	-	1
Grapefruit	6	6	6
Loganberries	2	-	2
Peaches	45	6	24
Pears	10	2	7
Plums	10	-	8
Pineapple	9	-	7
Broad beans	-	13	1
Beetroot	1	8	1
Carrots	1	3	1
Creamed mushrooms	-	7½	1
Peas	7	7½	6
Tomatoes	34	4	26
Corned beef	51	-	8
Luncheon meat	1	3	2
Ox tongue	4	-	1
Steak	-	15½	1
Crab	-	3¾	1
Salmon	2	12½	6
Soup	3	14	4
Cream	1	5½	4
Marmalade	2	-	2
Creamed rice	4	5¾	5
Coffee	1	-	1
Condensed milk	28	-	1
Evaporated milk	15¾ pts. equiv.		8

Particulars of samples obtained by Officers of the Nottinghamshire County Council Weights and Measures and Food and Drugs Department and examined and / or analysed under the Food & Drugs Acts 1938 and 1955.

Article	Number of Samples			Result of Examination and/or Analysis
	Obtained	Genuine	Adult. or Sub-standard	
Apricots, Canned	1	1	-	
Beef and Vegetable Casserole	1	1	-	
Biscuits	2	2	-	
Blackcurrants, Canned	1	1	-	
Breakfast Grill, Canned	1	1	-	
British Ruby Wine	1	1	-	
Buttered Kipper Fillets	1	1	-	
Butter Sponge	1	1	-	
Cheese Spread	1	1	-	
Chocolate	1	1	-	
Christmas Pudding	1	1	-	
Colouring for Sweets	1	1	-	
Corned Beef Loaf	1	1	-	
Cough Pastilles	1	1	-	
Cough Syrup	1	1	-	
Crab Paste	1	1	-	
Creamed Horseradish	1	1	-	
Dairy Butter Toffee	1	1	-	
Danish Blue Cheese	1	1	-	
Flour	2	2	-	
Fruit Drink	1	1	-	
Gelatine	1	1	-	
Gin	1	1	-	
Honey	1	1	-	
Ice Cream	1	1	-	
Invalid Butter Toffee	1	1	-	
Lemon Cheese	1	1	-	
Liquid Cascara Sagrada	1	1	-	
Margarine	2	2	-	
Marzipan	1	1	-	
Meat Pies	3	3	-	
Milk	115	115	-	

	Number of Samples			
	Obtained	Genuine	Adult. or Sub-standard	Result of Examination and/or Analysis
Milk Chocolate Roll	1	1	-	
Milk, Full Cream Sweetened	1	1	-	
Milk Shake Syrup	1	1	-	
Mincemeat Steak with Spaghetti	1	1	-	
Mincemeat flavoured with Brandy	1	1	-	
Oats	1	1	-	
Palm Kernel Oil	1	1	-	
Peas, Canned	1	1	-	
Rum flavouring	1	1	-	
Salmon	1	1	-	
Salmon, Canned	1	1	-	
Sausages	6	5	1	8.3% deficient in meat. Manufacturer cautioned.
Steak & Kidney Pie	1	1	-	
Steak Pie	1	1	-	
Sugar free Pastilles	1	1	-	
Whisky	5	5	-	
Whole Protein Food	1	1	-	

The Milk (Special Designations) (Pasteurised and Sterilised) Milk Regulations

	Pasteurised	Sterilised
Samples obtained and submitted to prescribed tests	52	-
Samples unsatisfactory	-	-

Bacteriological Examination of Milk Bottles

Examined	Satisfactory	Unsatisfactory
42	36	6

MEAT

There are 26 meat shops in the district. There are 6 licensed slaughterhouses in the district, one being a large bacon factory and the remaining 5 are attached to small butchers' shops. All the animals killed at these slaughterhouses are examined by the Public Health Inspectors of the Department, often outside normal working hours.

It is gratifying to note the very considerable reduction in the number of cattle found to be affected by Tuberculosis, the percentage of those inspected and found to be affected with Tuberculosis falling from 14.94 in 1959 to 3.76 in 1960.

Slaughter of Animals Act 1953

44 licenses to slaughter or stun animals were issued.

* * * *

M E A T

FOOD INSPECTED AND CONDEMNED 1960

	Cattle excl. Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	159	160	2	899	12661	-
Number inspected	159	160	2	899	12661	-
All diseases except Tuberculosis & Cysticerci						
Whole carcases condemned	-	-	-	-	2	-
Carcases of which some part or organ was condemned	8	10	-	4	1891	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	5.03	6.25	-	.44	14.95	-
Tuberculosis only						
Whole carcases condemned	-	-	-	-	-	-
Carcases of which some part or organ was condemned	5	7	-	-	629	-
Percentage of the number inspected affected with tuberculosis	3.14	4.37	-	-	4.97	-
Cysticercosis						
Carcases of which some part or organ was condemned	1	-	-	-	-	-
Carsases submitted to treatment by refrigeration	1	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-
Weights Condemned (in lbs.)						
Tuberculosis	120	223	-	9	4746	-
Cysticercosis	30	-	-	-	-	-
Disease other than Tuberculosis and Cysticerci	102	141	-	-	8229	-
Totals :	252	364	-	9	12975	-

No. of visits to inspect meat : 646

FACTORIES

Number of visits	145
Contraventions observed	4
Notices served	4
Outworkers' premises inspected	27

1. Inspections for purposes of provisions as to health

Including inspections made by the Public Health Inspector.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories with mechanical power	145	3	NIL
Factories without mechanical power	31	NIL	NIL
Other premises under the Act (including works of buildings and engineering construction, but not including outworkers' premises)	NIL	1	NIL
TOTAL :	176	4	NIL

No. of Factories with Mechanical Power 43

No. of Factories without Mechanical Power 4

2. Defects found

Particulars	Number of Defects			Number of defects in respect of which prosecutions were instituted.
	Found	Remedied	Referred to H.M. Inspector	
Sanitary Conveniences				
Insufficient	1	1	-	-
Unsuitable or Defective	2	2	-	-
Not separate for sexes	-	-	-	-
Other offences (Not including offences relating to Home Work or offences mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1929, and re-enacted in the Third Schedule to the Factories Act, 1937)	1	1	-	-
TOTAL :	4	4	-	-

PETROLEUM ACTS AND REGULATIONS

The Health Department is responsible for administering the Petroleum Acts and Regulations. During the year 27 licenses were granted for the storage of Petroleum Spirit, from which the income was £19.15s.0d., and 1 licence was granted for the storage of Carbide of Calcium, from which the income was 5s.0d.

Inspections made	167

SMOKE ABATEMENT

Measurements of atmospheric pollution continued to be taken during the year from two deposit gauges and two lead peroxide gauges.

Spoilbank inspections made	25
Smoke observations made	14
Visits in connection with smoke abatement	76

RODENT CONTROL

Inspections made	196
Visits to lay baits	358
Rat infestations removed	70
Disinfestations due to vermin	1
Disinfestations due to other insect pests	56

PREVENTION OF DAMAGE BY PESTS ACT 1949

12 months ended 31st December 1960

	TYPE OF PROPERTY				
	Non-Agricultural				Agricultural
	Local Authority	Dwelling Houses (incl. Council Houses)	All Other (including Business Premises)	Total of Cols. (1), (2) & (3)	
	(1)	(2)	(3)	(4)	(5)
I. Number of properties in Local Authority's District	18	6782	764	7564	50
II. Number of properties inspected as a result of:					
(a) Notification	5	52	14	71	2
(b) Survey under the Act	-	-	-	-	-
(c) Otheriwse (e.g. when visited primarily for some other purpose	13	20	12	45	4
III. Total inspections carried out - incl. re-inspections	28	224	91	343	25
IV. Number of properties inspected (in Sec.II) which were found to be infested by:					
(a) Rats (Major	-	-	-	-	-
(Minor	1	37	4	42	1
(b) Mice (Major	-	-	-	-	-
(Minor	4	13	10	27	1
V. Number of infested properties (in Sec.IV) treated by the L.A.	5	50	14	69	2

	TYPE OF PROPERTY				
	Non-Agricultural				Agricultural
	Local Authority	Dwelling Houses (incl. Council Houses)	All Other (including Business Premises)	Total of Cols. (1), (2) & (3)	
	(1)	(2)	(3)	(4)	(5)
VI. Total treatments carried out - including re-treatments	6	51	14	71	3
VII. Number of notices served under Sec. 4 of the Act: (a) Treatment	-	-	-		
(b) Structural Work (i.e., Proofing)	-	-	-	-	-
VIII. Number of cases in which de-fault action was taken following the issue of a notice under Sec.4 of the Act	-	-	-	-	-
IX. Legal Proceedings	-	-	-	-	-
X. Number of "Block" control schemes carried out	11				

MISCELLANEOUS

Complaints received and dealt with	2091
Visits to masseurs' premises	5
Visits to hairdressers' premises	5
Visits to pet shops	3
Visits to tip	207
Visits in connection with refuse collection	989

INFECTIOUS DISEASES AND FOOD POISONING

Enquiries and visits	96
Disinfections	2

PUBLIC CLEANSING

This report covers the 12 months ending 31st March, 1961

TRANSPORT

Transport units of the Cleansing Department comprise the following:-

1 Dennis "Paxit" lorry - 18 cu. yds. capacity.
2 S. & D. Fore and Aft Tippers - 16/18 cu. yds. capacity.

REFUSE COLLECTION

A weekly collection of household refuse was maintained throughout the year except when the service was affected by inclement weather or illness amongst workmen.

During the year approximately 9,720 tons of refuse were collected and tipped. (This tonnage figure is estimated from periodic test weighings).

SALVAGE

The following salvaged material was sold during the year:-

	tons	£
Waste paper	78	587
Textiles	-	-
Scrap metal and tins		1
	78	£588

REFUSE DISPOSAL

Income	£
Sale of salvaged materials	588
Income from collection of Trade Refuse	173
	£761

In conclusion, I would like to thank the Chairman and Members of the Health Committee for the interest they have shown in the work of the Department. I would also like to thank Dr. J. V. Loughlin, and all other Officials of the Council for their help and co-operation and my own staff for their loyal support at all times.

I am,

Your obedient servant,

H. S. WHITTEN.

Senior Public Health Inspector.

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